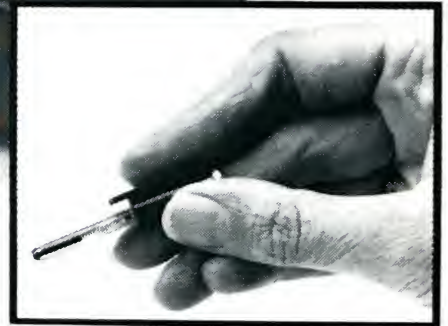


The Revolutionary 'Spark-Jet' Printer



'Spark'Ink Jet

- * Optimum graphics
- * Minimum moving parts
- * Virtually noiseless
- * 50 lines per minute
- * Single dot addressable
- * Bi-directional
- * 800 dot horizontal resolution

ONLY
£365
* VAT

The JPI is a non-impact 'spark ink-jet' printer using the latest dry-ink printing technology for fast, clean, virtually noiseless printing. The printer is suitable for both personal and business use and has all the advanced features normally only found in much more expensive machines. All



printing is logic-seeing and bi-directional and can be executed in normal, double height, double width and underlined characters. The high resolution graphics are easily available and have

a horizontal resolution of 110 pixels per inch and a vertical resolution of 216 pixels per inch. All printer functions are controlled by the Printer's own microprocessor which can hold a complete screen of information at a time in its memory. This means the user can release the information to the printer instantly and continue using the computer whilst the screen contents are printed.

The 'Spark-jet'

The heart of the JPI printer is an advanced serial-matrix printhead. Electronic impulses fire minute particles of the carbon rod at high speed through a 7 x 7 dot matrix producing very high-quality lettering and graphics. There are no moving parts within the head itself which dramatically reduces noise and improves reliability.

Character Set

The JPI has a 96 ASCII character set with 8 different national variants, each available by sending the appropriate control code to the printer.

Character Spacing

The printer has several modes these include 80 columns (1/10" spacing) 96 columns (1/12" spacing) 132 columns (1/16" spacing). Each character is printed in a 7 x 7 matrix.

Vertical Tabulation

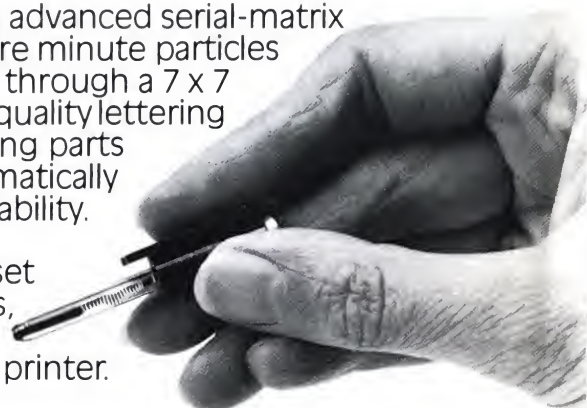
The vertical tabulation can be easily set to either 1/6" or 1/8" or is programmable to an accuracy of 1/12".

actual size

! " £ \$ % & '
 p q r s t u v w

! " £ \$ % & '
 H I J K L M N O
 p q r s t u v w

! " £ \$ % & '
 H I J K L M N O
 p q r s t u v w



Print Modes

The JPI has several programmable print modes including Normal, Double width, Double Height and underlined. It also has several print sizes, these are 10 CPI 12 CPI 18 CPI

Graphics Mode

The JPI is capable of high resolution graphics and plotting. It has a horizontal resolution of 110 pixels per inch or 880 per line, the vertical resolution is 216 pixels per inch or integer multiples of this. It also has several graphics modes including normal, reverse and zoom (which magnifies the image by a factor of 2).

Print Speed

The JPI has a fast printing speed of 50 lines per minute or 83 characters per second. It has bi-directional printing. With shortest path seeking capability.

Paper

The JPI can accept either paper rolls or continuous, fan-fold stationary (8" or 9" pin-to-pin).

Printer Buffer

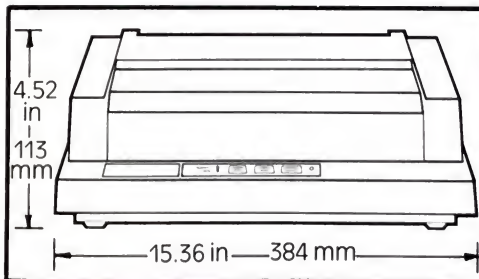
The JPI has a 1K buffer with "buffer nearly full" warning when 75% of the buffer has been filled.

Console and Light Signals

There are three keys on the console for local control of the printer. i.e. line feed, form feed and local mode. There are also several indicators and warning lights. On/off, Error, Local and Ink.

Physical Dimensions

Height: 4.52 in (113 mm) Width: 15.36 in (384 mm)



Depth: 9.92 in (248 mm)

Weight: 11.44 lbs (5.2 Kg)

Electrical Characteristics

Voltage: 100, 115, 120, 220, 240

Frequency: 50 or 60 Hz

Power consumption: 35 watts

Operating Environment

Operating temperatures: 5°C to 40°C.

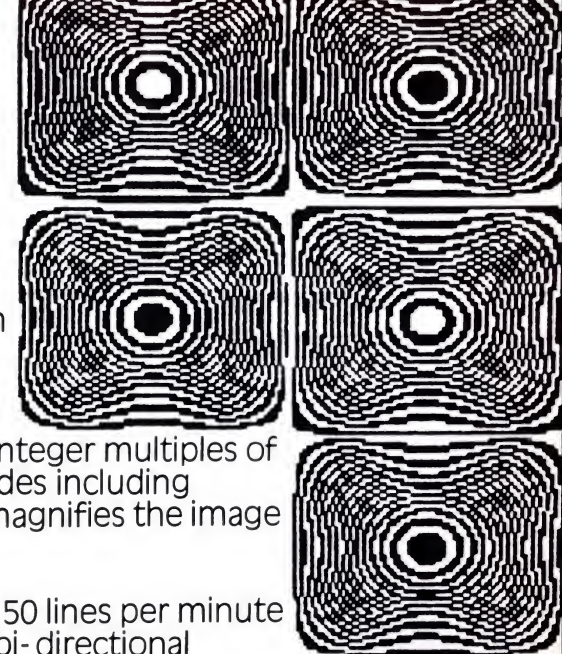
Relative humidity: 10% to 85%

Interfaces

An 8-bit Centronics parallel interface with data strobe, busy and acknowledged handshaking is fitted as standard.

Paper

Maximum Width 12in.



actual size



**ACORN
COMPUTER**

Fulbourn Road, Cherry Hinton,
Cambridge CB1 4JN.